CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB91303

ANALYST: Indiana
SUPERVISOR REVIEW BY: apatel
pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP59346
Calibration Std. hexchrome 0.05 ppm	WP59345
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP59352
Calibratation STD Hexa Chrome 0.5 PPM	WP59347
calibration std. hexchrome 0.01 ppm	WP59343
calibration std. hexchrome 0 ppm	WP59342
Hexavalent Chromium ICV Std.	WP59348
Hexavalent Chromium CCV Std	WP59349
hexavalent chromium color reagent	WP59212
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP59344

Intercept: 0 **Slope:** 0.7755 **Regression:** 0.99993

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Anal Date	Anal Time
								Backgrnd	Color			
1	CAL1	0	1	100	100		2.04	0.000	0.000	0.000	11/02/2017	14:00
2	CAL2	0.01	1	100	100		2.26	0.000	0.007	0.007	11/02/2017	14:00
3	CAL3	0.025	1	100	100		1.89	0.000	0.017	0.017	11/02/2017	14:01
4	CAL4	0.05	1	100	100		2.10	0.000	0.038	0.038	11/02/2017	14:01
5	CAL5	0.1	1	100	100		1.79	0.000	0.078	0.078	11/02/2017	14:02
6	CAL6	0.5	1	100	100		1.53	0.000	0.395	0.395	11/02/2017	14:02
7	CAL7	1	1	100	100		1.92	0.000	0.772	0.772	11/02/2017	14:03

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Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.41	0.000	0.390	0.390	0.503	11/02/2017	14:03
2	ICB		1	100	100		2.25	0.000	0.000	0.000	0.000	11/02/2017	14:04
3	CCV1	0.5	1	100	100		2.13	0.000	0.392	0.392	0.505	11/02/2017	14:04
4	CCB1		1	100	100		2.18	0.000	0.000	0.000	0.000	11/02/2017	14:05
5	PB103934BL		1	2.51	100	7.13	1.77	0.000	0.000	0.000	0.000	11/02/2017	14:05
6	PB103934BS	20	1	2.52	100	7.04	1.56	0.000	0.360	0.360	0.464	11/02/2017	14:06
7	I6189-01		1	2.53	100	7.36	1.60	0.009	0.009	0.000	0.000	11/02/2017	14:06
8	I6247-01		1	2.55	100	7.55	2.15	0.052	0.052	0.000	0.000	11/02/2017	14:07
9	I6249-01		1	2.50	100	7.81	2.31	0.017	0.017	0.000	0.000	11/02/2017	14:07
10	I6249-03		1	2.54	100	7.55	1.64	0.015	0.015	0.000	0.000	11/02/2017	14:08
11	I6252-01		1	2.55	100	7.21	1.90	0.013	0.013	0.000	0.000	11/02/2017	14:08
12	I6253-01		1	2.55	100	7.30	2.38	0.007	0.007	0.000	0.000	11/02/2017	14:09
13	I6253-01DUP		1	2.54	100	7.69	1.88	0.006	0.006	0.000	0.000	11/02/2017	14:09
14	I6253-01MSPre	40	2	2.53	100	7.77	1.73	0.008	0.264	0.256	0.330	11/02/2017	14:10
15	CCV2	0.5	1	100	100		2.16	0.000	0.392	0.392	0.505	11/02/2017	14:10
16	CCB2		1	100	100		2.37	0.000	0.000	0.000	0.000	11/02/2017	14:11
17	I6253-01MS2Ins	1284	40	2.55	100	7.36	2.45	0.008	0.616	0.608	0.784	11/02/2017	14:11
18	I6253-01MS3Post	40	2	2.50	100	7.21	1.61	0.010	0.347	0.337	0.435	11/02/2017	14:12
19	I6254-01		1	2.54	100	7.54	2.39	0.009	0.009	0.000	0.000	11/02/2017	14:12
20	I6258-01		1	2.53	100	7.12	1.62	0.011	0.011	0.000	0.000	11/02/2017	14:13
21	I6258-04		1	2.51	100	7.03	1.80	0.010	0.010	0.000	0.000	11/02/2017	14:13
22	I6275-01		1	2.55	100	7.34	2.25	0.014	0.014	0.000	0.000	11/02/2017	14:14
23	I6275-06		1	2.50	100	7.50	2.34	0.009	0.009	0.000	0.000	11/02/2017	14:14
24	CCV3	0.5	1	100	100		2.31	0.000	0.393	0.393	0.507	11/02/2017	14:15
25	CCB3		1	100	100		1.60	0.000	0.000	0.000	0.000	11/02/2017	14:15